



Version	02
Molecular weight	190.16
Quality Test / Release Date	02/14/2021
Molecular Formula	C6 H10 N2 O5
CAS No	26239-55-4
Linear Formula	H2NCOCH2N(CH2CO2H)2
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	22801	Quality Test / Release Date	02/14/2021
Lot Number	A0394650	Suggested retest date	02/14/2026
Description	ADA,99%,for biochemistry		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to almost white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Authentic	Authentic
Titration with NaOH	$\geq 98.5\%$	99.7 %
Loss on drying	$\leq 0.5\%$ (110°C, 5 hrs)	0.18 % (110°C, 5 hrs)
Heavy metals (as Pb)	≤ 5 ppm	≤ 5 ppm
Sulfated ash	$\leq 0.1\%$	0.03 %
Iron (Fe)	≤ 5 ppm	≤ 5 ppm
UV	(9 % in 1 M NaOH)	(9 % in 1 M NaOH)
UV	at 300 nm A: ≤ 0.08	at 300 nm A: 0.023
Appearance of solution	(9% soln. 1 M NaOH) clear, colorless	(9% soln. 1 M NaOH) clear, colorless



A handwritten signature in black ink, appearing to read "C. Wygaerts".

C. Wygaerts, QA Manager

Issued: 02-15-2021

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